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DATE:

January 25, 2005

TO:

Examiner Hoon K. Song / Edward Glick

COMPANY:

USPTO Art unit 2882

TO FAX NO.

001-703-872-9306

FROM:

Dr Mark Friedman Ltd

OUR FILE REF.

26/560 gb

YOUR FILE REF.:

10/736,508

NO. OF PAGES:

10 (including this page)

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Please review the attached notification dated 19 January 2005, we believe that you have inadvertently missed claim 10 in this allowance. We would appreciate your response to this matter either by fax; 972-3-6114101 or email patents@friedpat.com Our local telephone number is 301-952-1011

Regards

Dr Mark Friedman Ltd

PACE 2/10 * RCVD AT 1/25/2005 5:18:54 AM [Eastern Standard Time] * SVR:USPTO-EFXRF-1/0 * DNIS:8729306 * CSID:972 3 6114101 * DURATION (mm-ss):03-22



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NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

01/19/2005

DR. MARK FRIEDMAN LTD. C/o Bill Polkinghom Discovery Dispatch 9003 Florin Way Upper Marlboro, MD 20772

EXA	MINER
SONG	HOON K
ART UNIT	PAPER NUMBER
1001	

DATE MAILED: 01/19/2005

APPLICATION NO.	FILING DATE	FI	RST NAMED INVENTOR	ATTORNEY DOCKET	
	··		Sami Mangoubi	26/360	6120

TITLE OF INVENTION: OPTICAL WINDOW ASSEMBLY FOR USE IN A SUPERSONIC PLATFORM

APPLN, TYPE	SMALL ENTITY	issue fre	PUBLICATION PEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	04/19/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

Page 1 of 3

PAGE 4/10 * RCVD AT 1/25/2005 5:18:54 AM [Eastern Standard Time] * SVR:USPTO-EFXRF-1/0 * DNIS:8729306 * CSID:972 3 6/14/10 * DURATION (mm-ss):03-22



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PAGE 101
Alexandris, Virginia 22313-1450

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/736,508	12/17/2003	Şami Mangoubi	26/560	6120
DR. MARK FRIE	90 01/19/2005 21334 4 33 I TTD		EXAM SONG, H	
C/o Bill Polkinghor Discovery Dispatch	ma.		ART UNIT	PAPER NUMBER
9003 Florin Way Upper Marlboro, M			2882 DATE MAILED: 01/19/200	5

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

PAGE 5/10 * RCVD AT 1/25/2005 5:18:54 AM [Eastern Standard Time] * SVR:USPTO-EFXRF-1/0 * DNIS:8729306 * CSID:972 3 6114101 * DURATION (mm-ss):03-22

		AL
	Application No.	Applicant(s)
	10/736,508	MANGOUBI, SAMI
Notice of Allowability .	Examiner	Art Unit
	Hoon Song	2882
The MAILING DATE of this communication appr All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this a or other appropriate communication IGHTS. This application is subject and MPEP 1308.	pplication. If not included on will be mailed in due course. THIS
1. A This communication is responsive to response filed on 11/	<u>/12/2004</u> .	
2. X The allowed claim(s) is/are 1.4-9.13.15 and 21-23.		
3. A The drawings filed on 17 December 2003 are accepted by	the Examiner.	·
4. Acknowledgment is made of a claim for foreign priority up a) All b) Some c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). *Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely compty will result in ABANDON'S THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 5. A SUBSTITUTE OATH OR DECLARATION must be subminformal PATENT APPLICATION (PTO-152) which giv 6. CORRECTED DRAWINGS (as "replacement sheets") must be considered by the Notice of Draftsper 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the Notice of Draftsper Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheets) should be labeled as such in 7. DEPOSIT OF and/or INFORMATION about the deposit stached Examiner's comment regarding REQUIREMENT	e been received. e been received in Application No. currents have been received in thi of this communication to file a repl MENT of this application. nitted. Note the attached EXAMINE res reason(s) why the oath or decla st be submitted. son's Patent Drawing Review (PTo "s Amendment / Comment or in the 1.84(c)) should be written on the draw the header according to 37 CFR 1.12 osit of BIOLOGICAL MATERIAL	s national stage application from the Ly complying with the requirements LR'S AMENDMENT or NOTICE OF LIR'S attached Coffice action of Wings in the front (not the back) of Lately and the submitted, Note the
Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☑ Information Disclosure Statements (PTO-1449 or PTO/SB Paper No./Mail Date 7/12/2004 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Siological Material	6. Interview Summa Paper No./Mail I /08), 7. Examiner's Amer	I Patent Application (PTO-152) Try (PTO-413), Date Indment/Comment ment of Reasons for Allowance

U.S. Patent and Trademark Office PTOL-37 (Rev. 1-04)

Notice of Allowability

Part of Paper No/Mail Date 20050106

Application/Control Number: 10/736,508

Art Unit: 2882

Page 2

DETAILED ACTION

Allowable Subject Matter

Claims 1, 4-9 and 13 are allowed over prior art.

The following is an examiner's statement of reasons for allowance:

Regarding claims 1, 4-9 and 13, the prior art fails to teach an electro-optical detection system having an outer window and an inner window with intervening space between the windows, wherein only the inner surface, facing away from outer window side, of the inner window is coated with an optical coating which is substantially transparent in at least one of visible wavelength bands and infrared wavelength bands and is substantially opaque to an electromagnetic radiation for radio and radar frequencies as claimed in independent claims 1 and 8.

Claims 4-7, 9 and 13 are allowed by virtue of their dependency.

Regarding claims 15 and 21-23, the prior art fails to teach a method of detecting, from within a platform moving at a supersonic speed, electromagnetic radiation in at least one wavelength band selected from a group consisting of visible wavelength bands and infrared wavelength bands by providing an inner window, and thermally insulating the inner window with an outer window, wherein only the inner surface, facing away from outer window side, of the inner window is coated with an optical coating which is substantially transparent in the waveband and is substantially opaque to an electromagnetic radiation for radio and radar frequencies as claimed in independent claim 15.

Claims 21-23 are allowed by virtue of their dependency.

PAGE 7/10 * RCVD AT 1/25/2005 5:18:54 AM [Eastern Standard Time] * SVR:USPTO-EFXRF-1/0 * DNIS:8729306 * CSID:972 3 6114101 * DURATION (mm-ss):03-22

Application/Control Number: 10/736,508

Art Unit: 2882

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Clark (US 5147694) teaches electromagnetic shielding panel having two windows and an intervening space in between but fail to teach the panel is used with an electro optical payload, a mobile platform nor a platform moving at a supersonic speed and one having ordinary skill in the art would not change the optical coating to be located at the inner surface of inner window because the coating would be less protective than outer surface of the inner panel.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hoon Song whose telephone number is (571) 272-2494. The examiner can normally be reached on 8:30 AM - 5 PM, Monday - Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Glick can be reached on (571) 272 - 2490. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Page 3

PAGE 8/10 * RCVD AT 1/25/2005 5:18:54 AM [Eastern Standard Time] * SVR:USPTO-EFXRF-1/0 * DNIS:8729306 * CSID:972 3 6/14/10 * DURATION (mm-ss):03-22

Application/Control Number: 10/736,508

Art Unit: 2882

Page 4

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HKS

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EDWARD . BLICK

SUPERVISORY PATENT EXAMINES

JUL 1 2 2004 Sheet 1 of Application No. Atty. Docket No. Form PTO-1449 (Modified) 26/560 10/736.508 Applicant SUPPLEMENTAL INFORMATION Mangoubi DISCLOSURE CITATION IN AN APPLICATION (USE SEVERAL SHEETS IF NECESSARY) Group Art Unit Filing Date: 12 December 2003 2882 U.S. PATENT DOCUMENTS CLASS SUB-FILING **EXAMINER** DOCUMENT DATE NAME CLASS INITIAL NUMBER DATE Borden AA MUS 6.038.065 Mar 00 Hilton Sr AB 5,194,985 Mar 93 Feb 00 Fisher AC 6,028,699 4,797,683 ΑĎ Jan 89 Kosowsky et al HICS ΑE Oct 98 Askinazi et al 5,818,631 FOREIGN PATENT DOCUMENTS DOCUMENT DATE COUNTRY CLASS SUB-CLASS TRANSLATION NUMBER YES NO HES 27 Jul 67 FR AF 1537215 NKS EP 0529963 03 Mar 93 OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) АН AI AJ AK. DATE CONSIDERED EXAMINER EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

PAGE 9110 * RCVD AT 1/25/2005 5:18:54 AM [Eastern Standard Time] * SVR:USPTO-EFXRF-110 * DNIS:8729306 * CSID:972 5 6114101 * DURATION (mm-s-5):03-22

PACE 10/10 * RCVD AT 1/25/2005 5:18:54 AM [Eastern Standard Time] * SVR:USPTO-EFXRF-1/0 * DNIS:8729306 * CSID:972 3 6114101 * DURATION (mm-55):03-22

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•				Hoon Song		2882	Page 1 of 1	
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Notice of References Cited

Part of Paper No. 20050106